





The Delta Science Program, the Ecosystem Restoration Program, and the Surface Water Ambient Monitoring Program
Jointly Present a Brown Bag Seminar Series.

Farms as Floodplain: Five Years of Experimental Flooding of Yolo Bypass Ag Land

Monday, June 20, Noon to 1:00
Park Tower Plaza
2nd Floor Conference Room
980 Ninth St., Sacramento, CA



featuring

Lynn Takata

Department of

Water Resources

Division of Environmental Services

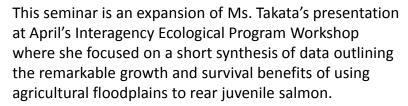
Aquatic Ecology Section

A project operating in one of the Delta Plan's six high-priority habitat restoration areas, the Yolo Bypass floodplain, is the topic for our next Seminar. Lynn Takata will discuss the Agricultural Floodplain Study, which examines how juvenile Chinook salmon benefit from flooding the Bypass. Multiple groups, government agencies, and landowners were involved in the five-year study, which offers direct implications on how existing farm land, along with restoration design, can be leveraged to maximize salmon growth and survival.



Yolo Bypass flooding - 2016

The Agricultural Floodplain Study is an outgrowth of the pioneering work DWR's Ted Sommer and others began more than a decade ago. Now planning has begun for large-scale restoration projects in the Yolo Bypass aimed at supporting declining salmon populations while balancing ongoing farming and other human uses.



The 59,000 acre Yolo Bypass was originally engineered to provide flood protection for the Sacramento region. In the spring and summer, a substantial portion of the floodplain is used for farming. During the winter it can become flooded, providing expansive floodplain habitat that doubles the wetted surface area of the Delta.



Counting juvenile Chinook salmon before placing them in experimentally flooded agricultural fields